

Abstract

5 The invention relates to a method for transmitting an encryption number  
in a communication system (1) comprising mobile terminals  
(MT1—MT4) and at least a first access point (AP1) and a second  
access point (AP2). The method comprises the steps of defining a set  
of encryption keys, selecting at each said access point (AP1, AP2) from  
said set of encryption keys one to be used at a time for encrypting  
10 information to be transmitted between said access point (AP1, AP2)  
and mobile terminal (MT1—MT4), transmitting from the access point  
(AP1, AP2), at intervals, data about the encryption key selected at the  
time, setting up a data transmission connection between a mobile ter-  
minal (MT1—MT4) and the first access point (AP1) for the transmission  
of information, and performing a handover, whereby a data transmis-  
15 sion connection is set up between the second access point (AP2) and  
the mobile terminal (MT1—MT4). In the method, a handover is per-  
formed, wherein a data transmission connection is set up between the  
second access point (AP2) and the mobile terminal (MT1—MT4). In the  
method, in connection with the handover, information is also transmit-  
20 ted to the mobile terminal (MT1—MT4) about the encryption key  
selected at the second access point (AP2).

Fig. 4

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